

AMENDED CLAIM SET:

1. - 8. (cancelled).

9. (currently amended) An isolated tumor antigen peptide consisting of 8 to 14 amino acids ~~in-length~~ that is a fragment of the amino acid sequence of SEQ ID NO: 1, and that binds to an HLA antigen and is recognized by cytotoxic T lymphocytes.

10. (currently amended) The isolated tumor antigen peptide consisting of 8 to 14 amino acids of claim 9 wherein the HLA antigen is HLA-A24.

11. (currently amended) ~~[[The]]~~ An isolated tumor antigen peptide consisting of 8 to 14 amino acids that is a fragment of the amino acid sequence of SEQ ID NO: 1 ~~of claim 10~~, which comprises a sequence selected from an amino acid sequence shown in any one of SEQ ID NOs: 3-18, or an isolated tumor antigen peptide consisting of 8 to 14 amino acids that is a fragment of the amino acid sequence of SEQ ID NO: 1, which comprises a sequence selected from an amino acid sequence shown in any one of SEQ ID NOs: 3-18 wherein the amino acid residue at position 2 is substituted by tyrosine,

phenylalanine, methionine, or tryptophan, and/or the C-terminus is substituted by phenylalanine, leucine, isoleucine, tryptophan, or methionine, and which binds to an HLA antigen and is recognized by cytotoxic T lymphocytes ~~has the functionally equivalent properties.~~

12. (currently amended) The isolated tumor antigen peptide consisting of 8 to 14 amino acids of claim 11, which comprises a sequence selected from an amino acid sequence shown in any one of SEQ ID NOs: 3-5, or an isolated tumor antigen peptide consisting of 8 to 14 amino acids which comprises a sequence selected from an amino acid sequence shown in any one of SEQ ID NOs: 3-5 wherein the amino acid residue at position 2 is substituted by tyrosine, phenylalanine, methionine, or tryptophan, and/or the C-terminus is substituted by phenylalanine, leucine, isoleucine, tryptophan, or methionine, and which has the functionally equivalent properties of a peptide having the sequence of SEQ ID NO: 3, 4, or 5.

13. - 15. (cancelled).

16. (withdrawn - currently amended) The isolated tumor antigen peptide consisting of 8 to 14 amino acids of claim 12, which comprises a sequence selected from an amino acid sequence shown in any one of SEQ ID NOs: 19-21.

17. (currently amended) A composition, which comprises as an active ingredient at least one of substances selected from the isolated tumor antigen peptides consisting of 8 to 14 amino acids according to any one of claims 9 to 12[[,]] and 16.

18. (cancelled).

19. (currently amended) A recombinant polypeptide obtainable by expressing a recombinant DNA comprising at least one of DNAs that encode the tumor antigen peptides consisting of 8 to 14 amino acids according to any one of claims 9 to 12[[,]] and 16.

20. (previously presented) A composition, which comprises as an active ingredient the recombinant polypeptide of claim 19.

21. - 27. (cancelled).

28. (currently amended) A diagnostic agent for tumors, which comprises the tumor antigen peptide consisting of 8 to 14 amino acids according to any one of claims 9 to 12[[,]] and 16, or an isolated protein that is encoded by a DNA of any one of the following (a) to (d):

(a) a DNA encoding a protein comprising the amino acid sequence of SEQ ID NO:1,

(b) a DNA comprising the nucleotide sequence of SEQ ID NO:2,

(c) a foreign DNA carried in *E. coli* JM109 (3D9) (deposit number FERM BP-6929), and

(d) a DNA which hybridizes with a DNA of any one of (a) to (c) under stringent hybridization conditions wherein said DNA encodes a tumor antigen protein which gives rise to tumor antigen peptide(s) that bind(s) to an HLA antigen and are recognized by cytotoxic T lymphocytes.

29. (previously presented) A diagnostic agent for tumors, which comprises the recombinant polypeptide of claim 19.